

NHA	USED ON	MOD	LTR	DESCRIPTION	DATE	APPROVED
	ALL		-	MANUFACTURE REL 2545	8-12-87	Q
			A	INC CHANGES / ECO 2887	10-30-87	N, (d)
			B	INC ECO'S 2921, 3009, 3017 3046, 3089, 3099, 3121, 3142 \$ 3152		
			C	ADDED PLACARDS UP TO -104	2-26-88	6, Q
			D	ADDED -105, -106, -107 / INCORP ECO'S 3172 AND 3213	3-23-90	Q
			E	ADDED -108, -109	4-9-90	Q
			F	ADDED -110	6-18-90	Q
			G	ADDED -111	7-16-90	Q
			H	ADDED -112, PG. 21	8-14-90	Q
			J	ADDED -55	9-18-90	Q
			K	ADDED -56	9-22-90	Q
			L	ADDED -113	9-28-90	Q
			M	-105, AMBER LIGHT WAS GREEN LIGHT ADDED -114 THRU -121	10-17-90	Q
			N	-122 THRU -124 PLACARD ADDED	10-26-90	Q
			O	ADDED -125 THRU -132 / ECO 3418	12-19-90	Q
			P	ADDED -133 TO -139	10-14-91	Q
			Q	ADDED -140	2/25/92	Q
			R	ADDED -141 + -142	3-16-92	Q
			S	ADDED -143 + -144 / ECO 4191	6-14-94	Q
			T	ADDED -145 w/ ECO 46160	8/25/95	Q

NOTES:
(See page 1A)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRN	LATHAM	8-7-87	SFENA CORPORATION		
TOLERANCES: FRACTIONS DECIMALS ANGLES	CHK	<i>W. L. Latham</i>	8/2/87	GRAND PRAIRIE - TEXAS		
$\pm 1/32$ $\pm .02$ $\pm .003$ $\pm 1^\circ$	APP	<i>W. L. Latham</i>	8-12-92	DECAL ARTWORK		
STC SH7854SW	CONTRACT:					
STC SH7896SW						
STC SH7849SW						
STC SH7949SW						
STC SH3844SW						
STC SH7356SW						
STC SH7363SW						
STC SH7627SW						
SFENA APP	SIZE	CODE IDENT NO.	DWG NO.			
CUST. APP	A	58356	183-34104-XXX			
	SCALE	FULL	WT.	SHEET 1 of 27		

STC SH7627SW

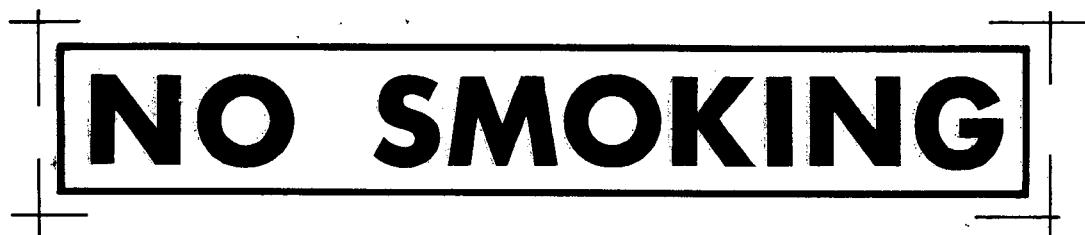
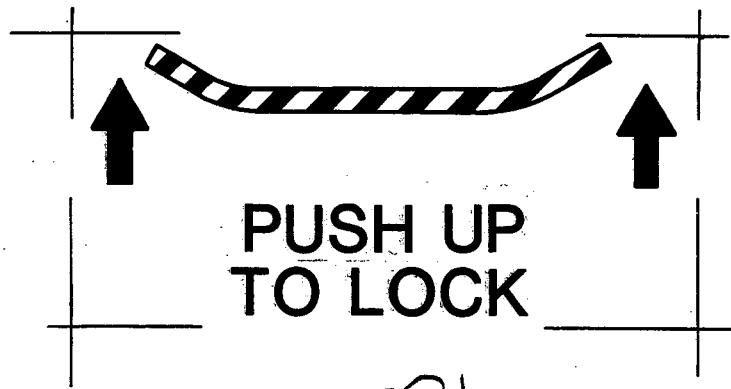
STC'D PRINT

NOTES: Unless otherwise specified

1. This drawing shows artwork only. See applicable installation drawing for material and location of decal.

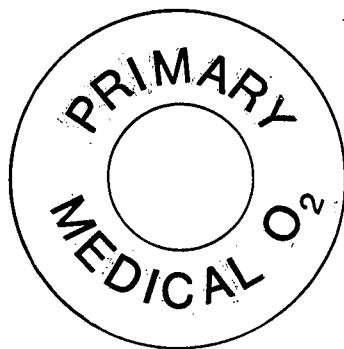
DECAL ARTWORK

SIZE	CCDE IDENT NO.	DWG NO.
A	58356	183-34104-XXX
SCALE	N/A	REV. H
		SHEET 1A

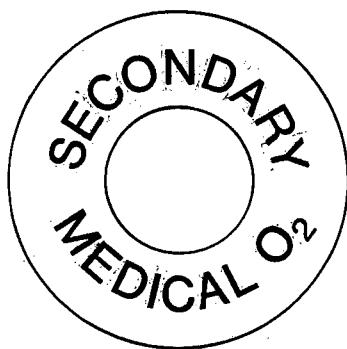


-02

WHT LTR/ RED BCKGND



-03



-04



-05 STC SH3858SW



-06

DWG NO

183-34104-XXX

STC'd PRINT SHEET 2

**UNIT MUST BE LATCHED IN POSITION
DURING TAKE-OFF , INFLIGHT AND LANDING**

-07

**UNIT MUST BE LOCKED WITH HANDLES
FULLY RETRACTED IN FORE OR AFT
POSITION FOR TAKE-OFF AND LANDING**

-08

**LOOSE EQUIPMENT MUST BE
STOWED FOR TAKE-OFF AND LANDING**

-09

-10

35 LBS MAX

-12

-11

40 LBS MAX

-13

STC SH3858SW

10 LBS MAX

15 LBS MAX

**MEDICAL
OXYGEN**

3

-14

**DOOR MUST
BE CLOSED
AND LATCHED
DURING USE
OF SYSTEM**

2

-15

DWG NO
183-34104-XXX

SHOULDER / LAP BELT
MUST BE USED AT ALL TIMES

- 16

THIS SEAT NOT TO BE OCCUPIED
WITH FOUR PATIENT CONFIGURATION

- 17 STC SH3858SW

UNLOCK DURING FLIGHT ONLY

- 18

DOOR MUST BE VERTICAL AND LEGS
FULLY EXTENDED BEFORE OCCUPANCY

- 19 STC SH3858SW

PULL OFF / PUSH ON

- 20

SECONDARY OXYGEN

- 21

PRIMARY OXYGEN

- 22

DWG NO
183-34104-XXX

STC'd PRINT SHEET 4

MAX FLOOR LOADING
125 POUNDS / Sq. FEET

- 23

DOOR
JETTISON
HANDLE

- 24

JETTISON

- 25

JETTISON

- 26

- 27

PULL TO UNLOCK

- 28

1 UNLOCK

2 PULL TO OPEN

- 31

FOR EXIT
PRESS HERE

- 29

PULL TO OPEN

- 30

DWG NO
183-34104-XXX

STC'd PRINT SHEET 5

PRIMARY

-33

SECONDARY

-34

1850 PSI
MAX

-35

STC SH7949SW

WHT LTR/GRN BKGND

MAX TOTAL WT 100 LB

STC SH7854SW

-36

DWG NO

183-34104-XXX

STC'd PRINT SHEET 6

TOTAL MAX WT 230 LBS

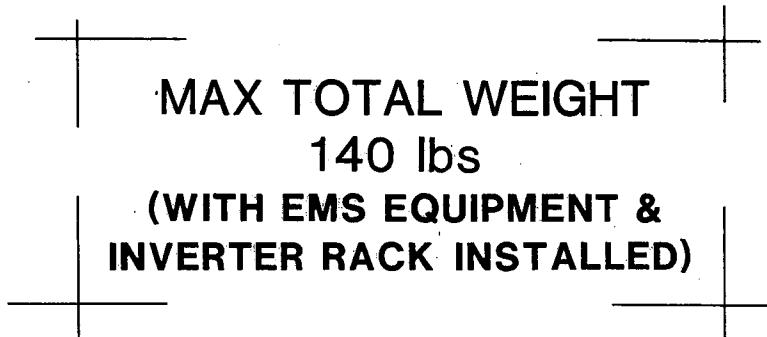
- 37

**PUSH UP
TO LOCK**



- 39

**MAX TOTAL WEIGHT
140 lbs
(WITH EMS EQUIPMENT &
INVERTER RACK INSTALLED)**



- 40

EXTINGUISHER

FIRE

- 38

DWG. NO.

183-34104-XXX

STC'd PRINT SHEET 7

NO SMOKING

- 41

115 V
GROUND POWER

- 42

PULL
TO
JETTISON

115 VAC

- 44

- 43

MAX TOTAL WEIGHT
140 lbs

(WITH EMS EQUIPMENT,
INVERTER RACK &
AIR CONDITIONING INSTALLED)

- 45

TOTAL WEIGHT FOR
THIS COMPARTMENT 35 lbs

- 46

ROTATE HANDLE
CLOCKWISE
TO LOCK

- 47

90 lbs

183-34104-XXX

STC'd PRINT SHEET 8

5 LBS MAX

- 48

7.5 LBS MAX

- 49

8 LBS MAX

- 50

7 LBS MAX

- 51

2 LBS MAX

- 52

20 LBS MAX

- 53

80 LBS MAX

- 54

160 LBS MAX

- 55

MAX 50 LBS.

- 56

- 57

- 58

LOCK

- 59

**PULL
TO
UNLOCK**

- 60

- 61

- 62

MIN COCKPIT WEIGHT 350 LBS

**SINGLE ATTENDANT MUST
OCCUPY FORWARD SEAT ONLY**

**TURN BATTERY
SWITCH ON
WHEN USING
GROUND POWER**

AUX BATT DISC SW
TURN OFF IF AUX BAT T
ANN LIGHT IS ON OR IF
CURRENT LOAD ON
GENERATOR EXCEEDS
RECOMMENDED LIMITS

-64

-63

**SERVICE WITH AVIATION
BREATHING OXYGEN ONLY**

BLACK/WHITE
BKGND LTR

-65

-66

**MAXIMUM BAGGAGE COMPARTMENT WEIGHT
WITH OXYGEN SYSTEM INSTALLED**

190 lbs.

BLACK/WHITE

-67

NO SMOKING OXYGEN

RED/WHITE

183-34104-XXX

SHEET 10

STC'd PRINT

DO NOT OPERATE
SEARCH LIGHT BELOW 50 FT

- 68

REMOVE OPERATIONAL BALLAST
WHEN NIGHT SUN IS REMOVED

- 69

- 70

INSTALL OPERATIONAL BALLAST
IN BAGGAGE COMPARTMENT
WHEN NIGHT SUN IS INSTALLED

- 71

SEARCH LIGHT MUST BE
HORIZONTAL BEFORE LANDING

- 72

INSTALL/SECURE
(QUICK MOUNT)
OPERATIONAL BALLAST
THIS STA LOCATION

- 73

NO STEP

- 74
(STEP
ONLY)

RADIO CALL

N781LL

- 75

TURN OFF STROBE LIGHT WHEN TAXIING IN VICINITY OF OTHER
AIRCRAFT OR DURING FLIGHT THRU CLOUDS, FOG OR HAZE.
STANDARD POSITION LIGHTS
TO BE ON FOR ALL NIGHT OPERATIONS

- 76

STC'd PRINT

DWG NO.
183-34104-XXX
SHEET 11

AIR SPEED LIMITATIONS
BASIC CONFIGURATION 2900 LBS GROSS WT OR LESS
VNE 150 NPH SEA LEVEL TO 3000 FT
ABOVE 3000 FT DECREASE VNE 4.0 NPH PER 1000 FT
MAX TOTAL WT 2900 FT

- 77

WARNING
OXYGEN AND ANY PETROLEUM PRODUCTS
(OIL, GREASE, ⁷⁹ AND LOTION, ETC) FORM A
COMBUSTIBLE MIXTURE.
EQUIPMENT FREE OF PETROLEUM
WILL RESULT IN INJURY OR DEATH
FOR VFR FLIGHT PATH.

- 78

- 84 81

MAX TOTAL WEIGHT
100 lbs
(WITH EMS EQUIPMENT ,
INVERTER RACK &
AIR CONDITIONING INSTALLED)

82

DC MAX TOTAL WEIGHT
158 lbs
AND ECU
WHEN EMERGENCY METHOD
(WITH EMS EQUIPMENT ,
INVERTER RACK &
AIR CONDITIONING INSTALLED)

- 83

WARNING

OXYGEN AND ANY PETROLEUM PRODUCTS
(OIL, GREASE, HAND LOTION, ETC) FORM A
SPONTANEOUSLY COMBUSTIBLE MIXTURE.

FAILURE TO KEEP OXYGEN SERVICING
EQUIPMENT FREE OF PETROLEUM PRODUCTS
WILL RESULT IN INJURY OR DEATH.

-84

REB/WHITE

- 84

DO NOT OPERATE NIGHTSUN
AND ECU SIMULTANEOUSLY
WHEN EMERGENCY MEDICAL
BUS IS IN USE.

- 85

DWG NO.
183-34104-XXX
SHEET 13

STC'd PRINT

WHT LTR/GRN BK

NO SMOKING

- 86 STC SH7949SW

LOOSE EQUIPMENT
MUST BE STOWED FOR
TAKE-OFF AND LANDING



- 87

UNIT MUST BE IN AN INBD OR OUTBD
POSITION AND LOCKED WITH HANDLES
FULLY RETRACTED FOR TAKE-OFF
AND LANDING.

- 88



- 89

SHORE POWER MUST HAVE
SAFETY GROUND WIRE IN CABLE
AND EARTH GROUNDED AT
POWER SOURCE.

- 90

DO NOT OPERATE HOIST
WHEN MED-B BUSS IS IN OPERATION



- 94

- 91

WITH EMS EQUIPMENT INSTALLED
MAXIMUM COMPARTMENT CAPACITY
IS REDUCED TO 450 Lbs.

- 92

UNIT MUST BE PARALLEL TO FORE/AFT DIRECTION
AND LOCKED WITH HANDLES FULLY RETRACTED
FOR TAKE-OFF AND LANDING.

- 93

STC'd PRINT

DWG NO.
183-34104-XXX
SHEET 15

EXIT

→ LIFT DOOR LOCK PIN
↓ PULL HANDLE

- 94

EXIT

← LIFT DOOR LOCK PIN
↓ PULL HANDLE

- 95

EXIT

← LIFT DOOR LOCK PIN
↓ PULL HANDLE

DOOR JETTISON

← LIFT DOOR LOCK PIN
↓ PULL COVER
↓ LIFT RED HANDLE
↓ PUSH HERE

- 96

DOOR JETTISON

← LIFT DOOR LOCK PIN
↓ PULL COVER
↓ LIFT RED HANDLE
↓ PUSH HERE

SEAT MUST FACE AFT

FOR TAKE-OFF AND LANDING

- 97

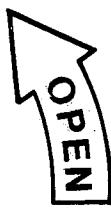
DWG NO,
183-34104-XXX
SHEET 16

STC'd PRINT

LOCK / OPEN PROCEDURE :

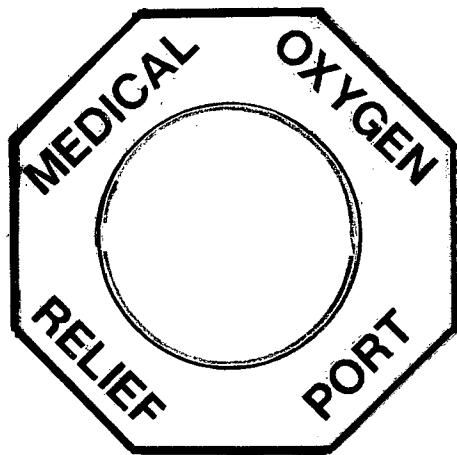
GRASP KNOB PULL OUTWARD
AT THE SAME TIME TWIST
IN DIRECTION OF OPERATION
DESIRED. IN "LOCKED POSITION"
SHOULD ACTUAL DETENT.

- 98



-99

- 100



-101

STC SH7949SW

WHT LTR / GRN BCKGND

DWG NO
183-34101-XXX

SHEET 17

STC'd PRINT

ACFT TO BE GROUNDED DURING
OXYGEN SYSTEM SERVICING

-102

BLK BKGD/WHT LTR



MAX WEIGHT 25 Lbs. STOWAGE

-103

BLK BKGD/WHT LTR

MAXIMUM BAGGAGE COMPARTMENT WEIGHT
WITH OXYGEN SYSTEM INSTALLED
220 lbs.

-104

RED BKGD/WHT LTR

DWG. NO.
183-34104-XXX

ORIGINAL

SH 18

AMBER LIGHT
"CREW STEPS" NOT STOWED.
MUST BE STOWED DURING
TAKEOFF, IN FLIGHT & LANDING.

GREEN LIGHT
"CREW STEPS" NOT STOWED.
MUST BE STOWED DURING
TAKEOFF, IN FLIGHT & LANDING.

-105

GREEN LIGHT
"CREW STEPS" NOT STOWED.
MUST BE STOWED DURING
TAKEOFF, IN FLIGHT & LANDING.

WITH FLIR IMAGER INSTALLED VFR ONLY

-106

WITH SX-16 NIGHTSUN INSTALLED VFR ONLY

-107

WARNING

OXYGEN AND ANY PETROLEUM PRODUCTS
(OIL, GREASE, HAND LOTION, ETC.) FORM A
SPONTANEOUSLY COMBUSTIBLE MIXTURE.

FAILURE TO KEEP OXYGEN SERVICING
EQUIPMENT FREE OF PETROLEUM PRODUCTS
WILL RESULT IN INJURY OR DEATH.

AIRCRAFT TO BE GROUNDED DURING
OXYGEN SYSTEM SERVICING.

WHT LTR/GRN
BACKGND

-108

STC SH7949SW

WHT LTR/RED BCKND

OXGEN

OXGEN

WHT LTR/
GRN BCKND

SH 49 SW
STC S

PUSH ON / PULL OFF

DWG. NO.

183-34104-XXX

PUSH ON/PULL OFF

183-34104-109

-109 STC SH7949SW

ORIGINAL

SH. 19

MEDICAL

HEADREST ASSY MUST BE IN PLACE AND
SECURELY FASTENED FOR AFT FACING
SEAT OCCUPANCY DURING TAKEOFF AND
LANDING

OXYGEN PRESSURE

-111
(STC SH7896SW)

MEDICAL

VACUUM

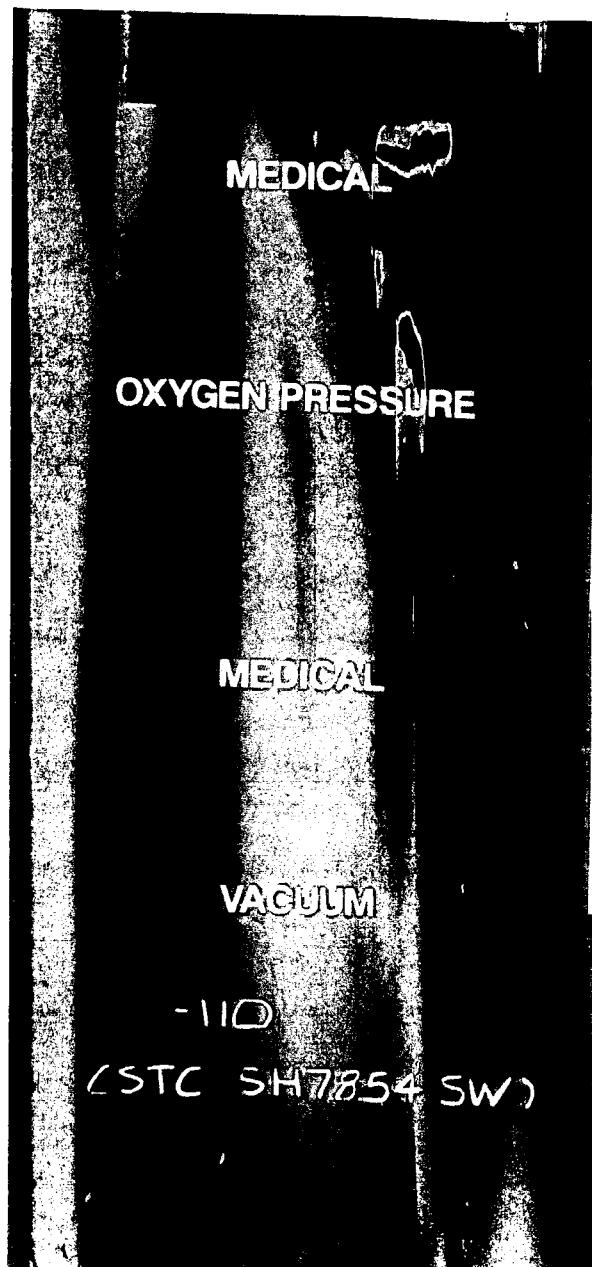
-110

wht Hr
grn bck

STC SH7854SW

STC SH7849SW

STC SH7949SW



STC'd PRINT

183-34104-XXX SU 20

EMERGENCY EXITING

1. GRASP HANDLES (2) ON FWD END OF WINDOW SHADE, PULL FIRMLY INBOARD (TOWARD YOU).
2. AFTER FWD END OF WINDOW SHADE POPS LOOSE PULL UNIT FWD AND DISCARD.
3. KICK/PUNCH WINDOW PANE CORNERS IN AREAS MARKED TO DISLODGE.
THIS WILL ALLOW WINDOW PANE TO BE PUSHED OUTBOARD.
4. EXIT THRU OPENING.

-112

EMERGENCY EXITING

1. GRASP HANDLES (2) ON FWD END OF WINDOW SHADE, PULL FIRMLY TOWARD YOU.
2. AFTER FWD END OF WINDOW SHADE POPS LOOSE PULL UNIT FWD AND DISCARD.
3. KICK/PUNCH WINDOW PANE CORNERS IN AREAS MARKED TO DISLODGE.
THIS WILL ALLOW WINDOW PANE TO BE PUSHED OUTBOARD.
4. EXIT THRU OPENING.

-113

DWG. NO.
183-34104-XXX

ORIGINAL SH. 21

**SWITCH
PANEL**

-114

IN CASE OF AIRSTAIR ELECTRICAL/HYDRAULIC FAILURE USE DUMP VALVE LOCATED IN CENTER POST, AFT SIDE OF DOOR.

-115

**AIRSTAIR
DUMP VALVE**

-116

TO DUMP SYSTEM PUSH
RED/WHITE HANDLE
AWAY FROM YOU

DOOR CAN BE OPENED
MANUALLY BY EXTERIOR
HANDLE.

-117

ELECTRIC AIRSTAIR DOOR

TO OPEN

**SWITCH LOCATED IN PANEL BELOW RH
FORWARD DOOR. (MARKED "SWITCH PANEL")**

-118

TO DUMP SYSTEM
PULL RED/WHITE
HANDLE TOWARD
YOU

DOOR CAN BE
OPENED MANUALLY
BY INTERIOR
HANDLE

-121

DW/G NO.

183-34104-XXX

ORIGINAL

SH. 22

IN CASE OF ELECTRICAL/
HYDRAULIC FAILURE
USE DUMP VALVE
LOCATED IN CENTER
POST, AFT SIDE
OF DOOR.

-119

ELECTRIC AIRSTAIR DOOR TO OPEN

**SWITCH LOCATED FWD ABOVE DIVAN
ARMREST, MARKED (ACTIVATION SWITCH)**

-120

ORIGINAL

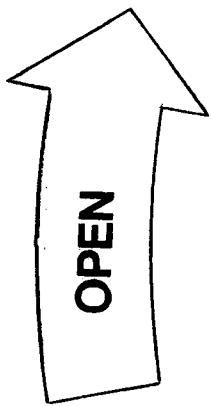
183-34104-XXX SH.22



-122



-123



-124

STRUCTURE PRINT

DWG. NO.

183-34104-XXX

P.24

-129

TO ACTIVATE MANUAL HYD.
SYSTEM

MAKE SURE AIRSTAIR DOOR
ELECTRICAL SYSTEM IS ON.

FLIP "TOGGLE" SWITCH TO
DESIRED POSITION
(OPEN/CLOSE)
OF DOOR MOVEMENT.

GRASP "RED" KNOB, PULL
TOWARD YOU, AT THE SAME
TIME PULL UP TO FULLY
EXTEND PUMP HANDLE.
TO ACTIVATE MOVE HANDLE
IN A ARCED UP/DOWN
MOVEMENT.

DOOR LATCHING OPERATED
BY EXTERIOR/INTERIOR
HANDLE ON LOWER DOOR
SECTION.

ACTUATOR RELEASE PIN
(RED) LOCATED NEAR
INTERIOR HANDLE AND
ACTUATOR MUST BE PULLED
FOR MANUAL ACTIVATION
OF DOOR PINS.

TO REMOVE ACTUATOR
RELEASE PIN:
RELEASE HYDRA. SYS.
PRESSURE BY ACTUATING
INTERIOR VALVE (RED/WHITE
STRIPPED HANDLE) IN POST.
AFTER RELEASING
PRESSURE, FIRMLY LIFT
LOWER DOOR STEP ASSY
UP TO GIVE ACCESS TO PIN.

-125

IN CASE OF AIRSTAIR HYDRAULIC
FAILURE USE HYD. HAND PUMP LOCATED
IN CENTER POST, AFT SIDE
OF DOOR.

**AIRSTAIR
HYD. HAND
PUMP**

-127

IN CASE OF HYDRAULIC
FAILURE USE HYD.
HAND PUMP LOCATED
IN CENTER POST, AFT
SIDE OF DOOR.

-131

TO RELEASE HYDRA. SYSTEM
PRESSURE PULL RED/WHITE
HANDLE TOWARD YOU.
ACTUATOR RELEASE PIN
MUST BE PULLED AT THIS
TIME TO OPERATE DOOR
HANDLE.

TO REMOVE ACTUATOR
RELEASE PIN:
FIRMLY LIFT LOWER
DOOR STEP ASSY UP TO
GIVE ACCESS TO PIN.

-132

DWG NO. 183-34104-XXX

ORIGINAL

SH. 25

IN CASE OF HYDRAULIC FAILURE
TWO BACK-UP SYSTEMS
AVIALABLE:

- 1) HYDRAULIC HAND PUMP IN RH
AFT SERVICE BAY.
- 2) EMERGENCY HYDRA SYSTEM
DUMP IN CENTER POST,AFT
SIDE OF DOOR.

IN EACH CASE DOOR ACTUATOR
PIN MUST BE RELEASED TO
OPERATE DOOR HANDLE.

-135

IN CASE OF HYDRAULIC FAILURE TWO BACK-UP SYSTEMS AVIALABLE:

- 1) HYDRAULIC HAND PUMP IN RH AFT SERVICE BAY.
- 2) EMERGENCY HYDRA SYSTEM DUMP...IN CENTER POST,AFT SIDE OF DOOR.

IN EACH CASE DOOR ACTUATOR PIN MUST BE RELEASED TO OPERATE
DOOR HANDLE.

-139

"EMERGENCY DUMP"

TO RELEASE HYDRA SYSTEM
PRESSURE PUSH (RED / WHITE)
STRIPED HANDLE AWAY
FROM YOU.

ACTUATOR RELEASE PIN
MUST BE PULLED AT THIS
TIME TO OPERATE DOOR
HANDLE.

TO REMOVE ACTUATOR
RELEASE PIN: FIRMLY LIFT
LOWER DOOR STEP ASSY UP
TO GIVE ACCESS TO PIN.

ACTUATOR RELEASE PIN:
LOCATED (FLAGGED) NEAR
MANUAL DOOR HANDLE.

-137

AIRSTAIR
"EMERGENCY"
HYDRAULIC SYSTEM
DUMP

-133

-134

DWG NO:
183-34104-XXX
ORIGINAL SH 26

TO ACTIVATE MANUAL
HYDRAULIC SYSTEM.

MAKE SURE AIRSTAIR DOOR ELECTRICAL SYSTEM IS ON.

FLIP "TOGGLE" SWITCH TO DESIRED POSITION
(OPEN / CLOSE) OF DOOR MOVEMENT.

PLACE HANDLE IN PUMP. ACTIVATE BY UP/DOWN "PUMPING".

DOOR LATCHING OPERATED BY EXTERIOR / INTERIOR HANDLE
ON LOWER DOOR SECTION.

RETRACTION AND EXTENSION
OF CREW STEPS PROHIBITED
AT SPEEDS ABOVE 80 KIAS.

-140

-138

SOFT GOODS ONLY
MAX LOAD 220 LBS
100 LBS PER SQ FT

-141

"NOT A SHELF"

-142

TO ACTIVATE MANUAL
HYDRAULIC SYSTEM

1. DISCONNECT AIRSTAIR DOOR CONTROLLER.
2. ENSURE AIRSTAIR DOOR ELECTRICAL POWER IS ON.
3. POSITION HANDPUMP BYPASS VALVE PARALLEL WITH VALVE.
4. PLACE HANDLE IN HAND PUMP.
5. POSITION DOOR LOGIC MODULE BYPASS SWITCH IN
DESIRED DIRECTION AND HOLD.
6. ACTIVATE BY UP/DOWN "PUMPING" OF HANDLE.

-145

NO SMOKING

ELECTRIC AIRSTAIR DOOR

TO OPEN
SWITCH LOCATED FWD DOOR POST
MARKED (ACTIVATION SWITCH)

-144

STC's SH3845SW
SH73565SW
SH73635W
SH76275W

DWG NO:
183-34104-XXX
ORIGINAL SH 27